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PATENT APPLICATION TRANSMITTAL LETTER
(Large Entity)

Docket No.
RR-1645**TO THE ASSISTANT COMMISSIONER FOR PATENTS**

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

Kenneth E. Knapp, Ronald A. Barr, Zhupei Shi and Billy W. Crue, Jr.

For: **NARROW TRACK POLE-TIPS FOR ELECTROMAGNETIC TRANSDUCERS**JC135 U.S.P.T.O. 09/500380
92/08/00

Enclosed are:

- Certificate of Mailing with Express Mail Mailing Label No. EJ259157088US
- 15 sheets of drawings.
- A certified copy of a application.
- Declaration Signed. Unsigned.
- Power of Attorney
- Information Disclosure Statement
- Preliminary Amendment
- Other: 33 page Specification including 1 page Abstract and 12 pages of Claims; stamped, self-addressed postcard.

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	81	- 20 =	61	x \$18.00	\$1,098.00
Indep. Claims	10	- 3 =	7	x \$78.00	\$546.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				BASIC FEE	\$690.00
				TOTAL FILING FEE	\$2,334.00

- A check in the amount of to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.
 - Charge the amount of as filing fee.
 - Credit any overpayment.
 - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: *February 8, 2000*

Mark Lauer

Signature

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Kenneth E. Knapp, Ronald A. Barr, Zhupei Shi and Billy W. Crue, Jr

Docket No.

RR-1645

Serial No.

Filing Date

Examiner

Group Art Unit

Invention:

NARROW TRACK POLE-TIPS FOR ELECTROMAGNETIC TRANSDUCERS

I hereby certify that this **33 page Specification including 12 pages of Claims and 1 page Abstract**
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

Feb. 8, 2000
(Date)

Mark Lauer

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

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Docket No.

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Serial No.

Filing Date

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Group Art Unit

Invention:

NARROW TRACK POLE-TIPS FOR ELECTROMAGNETIC TRANSDUCERSI hereby certify that this 15 sheets of Drawings

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(Date)**Mark Lauer**

(Typed or Printed Name of Person Mailing Correspondence)

A handwritten signature of Mark Lauer.

(Signature of Person Mailing Correspondence)

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